

Harland & Wolff. Led.
Nº 612.

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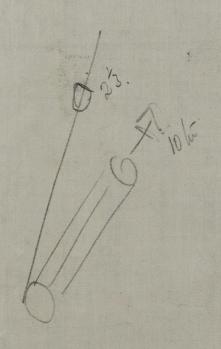
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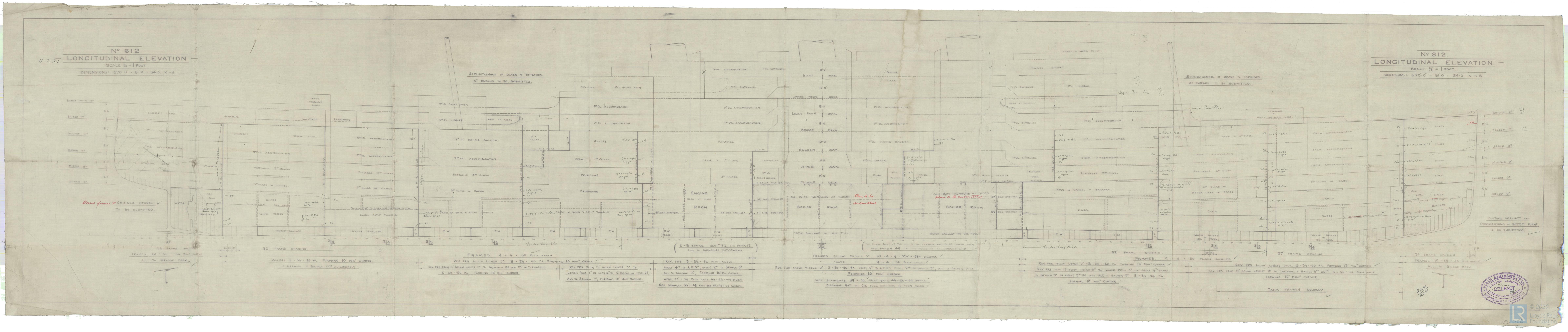
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Lloyd's Registe Foundation

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612 Harland Wolff Jen Box. 3481 Frofile Decks W86-0049 Lloyd's Registe

Nº 612. CHART & WHEEL HOUSE Nº 612 LONGITUDINAL ELEVATION. -LONGITUDINAL ELEVATION SCALE 1/8 = | FOOT. PALM COURT SCALE 1/8 = | FOOT CREW ACCOMMODATION 15TCL ENTRANCE DIMENSIONS :- 670-0 × 81.0 × 54.0. K To B. DIMENSIONS :- 670-0 x 81-0 x 54-0 K T. B. STRENGTHENING OF DECKS 4 TOPSIDES STRENGTHENING OF DECKS & TOPSIDE BOAT DECK. AT BREAKS TO BE SUBMITTED. AT BREAKS TO BE SUBMITTED. 15T CL ENTRANCE 16TCL LIBRARY ISTCL ENTRANCE. VERANDAH 15TCL SMOKE ROOM. UPPER PROM DECK. LOWER PROM. DK WINCH . OPEN AT SIDES ISTCL ACCOMMODATION. IST CL. ACCOMMODATION. IST CL. ACCOMMODATION. The state of the s ST BRIDGE DK 8.6" EMERGENCY DYNAMO LOWER PROM. DECK. BRIDGE D' HOSPITALS LAVATORIES LAVATORIES ISTOL ACCOMMODATION 200 CL. LIBRARY OPEN AT SIDES ISTCL ENTRANCE. STORES 15T CL. ACCOMMODATION. 15T CL. ACCOMMODATION. 15T CL. ACCOMMODATION . 8-6 3RO CL. ACCOMMODATION CREW ACCOMMODIATION BRIDGE DECK. 10.0" ISTCH ACCM CREW & 300 CLASS. SALOON DK LAVATORIES 15TCL ACCOMMODATION GENERAL ROOM UPPER DE 2 MOCL ACCOMMODATION 10-0" . 20 CL. DINING SALOON. CALLEY. PANTRIES. 10-0 IST CL. DINING SALOON. 8.6 CREW ACCOMMODATION CREW ACCOMMODATION. SALOON DECK. CREW ACCOMMODATION. 2 MD CL. ACCOMMODATION CREW ACCOMMODATION . 200 CL ACCOMMODATION IST CL. ENTRANCE. STURES MIDDLE DK 20 CL. ACCOMMODATION CREW & IST CLASS. CREW 4 15T CLASS. 30 CL. GALLEY. W LAVATORIES. CREW ACCOMMODATION 80 STEERING GEAR UPPER DECK. MIDDLE DK PORTABLE 380 CLASS PORTABLE 38° CLASS PORTABLE 30 CLASS PORTABLE 3 PD CLASS. 300 CL. DINING SALOON. GEAR. 8-0" FANS PORTABLE 380 CLASS PROVISIONS 30 CLASS. 30 CLASS OF CARGO. STORES O.T. FLAT OVER OIL FUEL MIDDLE DECK. 380 CLASS OR 3 CLASS OR CARGO. 30 CLASS OF CARGO 3ºCL OR CARGO, 4 BAGGAGE. WIT FLAT MOTOR CARS OR CARGO 30 CLASS OR CARGO PROVISIONS ENGINE SALE OILL FUEL BUNKERS AT SIDES. Plan to be submitted. 39 SIDE STRI 39" SIDE STRINGER OF OIL FUEL BUNKERS AT SIDES. Bossed fro. & CRUISER STERN. WATER BOILER ROOM. BOILER TOOM CARGO TUNNEL TOP TO SHIPS SIDE, OPEN IN CENTRE CARGO. TO BE SUBMITTED. CARGO AT SIDES & BETWE TUNNELS. CARGO AT SIDES & BETWE THINNELS 33 SIDE STRINGER. 39 SIDE STRINGER 39 SIDE STRINGER PANTING ARRANGMT AND TUNNEL RECESS & CARGO BETWE THINKELS STRENGTHENING OF BOTTOM FORWS TO BE SUBMITTED. WATER BALLAST WATER BALLAST OR OIL FUEL . WATER BALLAST OR OIL FUEL WATER BALLAST 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 67 70 72 THE FLASH POINT OF THE OIL TO BE CARRIED NOT TO BE LOWER THAN 150°F. E + B. SPACES. SECT 22. AND PARA 12 AND SECTION 49. OF THE RULES TO BE COMPLIED WITH 25 FRAME SPACING 26 28 30 32 FRAME SPACING AND TO SURVEYORS SATISFACTION. 32 FRAME SPACING. 30 28/2 27 FRAME SPACING 24 FRAME SPACING 211/2 FRAMES 9 x 4 x . 50 PLAIN ANGLE FRAMES 10 : 3/2 * 54 BULB ANGLE FRAMES BELOW MIDDLE DE. 10 x 4 x 4 x . 52W - . 58 F CHANNEL FRAMES 9 × 4 × 50 PLAIN ANGLES FRAMES 10 × 3/2 × 54 BULB ANGLE REV. FRS. 5 . 3/2 . 56 PLAIN ANGLE. REV. FRS BELOW LOWER DE 8 x 3/2 x '60 PA FORMING 13 MIN" CIRDER " ABOVE " , 9 x 4 x .50. PLAIN ANGLE. ALL TO BRIDGE DECK. REV. FRS 5 . 3/2 . 56 PA FORMING 10' MIN" GIRDER REV. FRS. BELOW LOWER D. 8 x 31/2 x 'GO. PA. FORMING 13" MIN" GIRDER. REV. FRS. BELOW LOWEST DECK. 8 x 31/2 x 60 PA FORMING 13 MIN" GIRDER ALL TO BRIDGE DECK REV. FRS FROM 15 BELOW LOWER DE TO BRIDGE DE ALTERNATELY REV. FRS. FROM 15 BELOW LOWER DE TO BRIDGE DE REV. FRS ABOVE MIDDLE DE, 5 . 3/2 x . 56 PA EVERY 4th To L.P. DE, EVERY 2" TO BRIDGE DE ALL TO SALOON DECK TO SALOON 4 BRIDGE DES ALTERNATELY REV FRS. FROM 15 BELOW LOWER DE TO LOWER PROM. DE ON EVERY 4TH FRAME. LOWER PROM D" ON EVERY 4"FR TO BRIDGE ON EVERY 2" ALL TO SALOOM D", FORMING 10 MIN GIRDER. 5 . 3/2 . 56 PA FORMING 10 MIN" GIRDER FORMING 10 MINM GIRDER. TO BRIDGE DE ON EVERY ZHOFR, AND ALL TO SALOON DE 5 x 3/2 x 56. P.A. FORMING 10" MIN" GIRDER. ALL TO SALOON DE, FORMING TO MIN" GIRDER WEBS. 33" x 54 FACE BARS 4/2 x 41/2 x 64 DOUBLE SIDE STRINGERS 39" x . 50. FACE BARS 4/2 x 4/2 x . 64 SINGLE FORMING 10" MIN" CIRDER DIVISIONAL BHOS IN OIL FUEL BUNKERS TO FORM WEBS. SIDE STRINGER . 33 x . 48 FACE BAR 4/2 x 4/2 x 64 SINGLE. TANK FRAMES DOUBLED.

Harland & Wolff Led.

Nº 612.

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Nº 612 MIDSHIP SECTION 9.2-21 SCALE 1/2 = | FOOT DIMENSIONS :- 670-0" BP × 81-0" MED × 54-0" KEEL TO BEAMS TO CLASS. LLOYD'S 100.AL. (WITH FREE BOARD.) Thickness of deck plating between openings to be considered to CAMBER ALL DECKS when plans of decko are submitted 6" IN 81'0". STR. PLATE. 2 @ 57 x .74 " ANGLE 8 \$ 8 x . 86 . W deck edge landings may be SCREEN ANGLE, 4 > 31/2 × · 50. V , single riveted between DECK PLATING . GG -46 BETW! OPENINGS. UPPER PROM DECK CHANNEL BEAM 10 . 3/2 . 3/2 . 52 W - 56 F ON EVERY FRAME BKTS . 50, SPACED 10-8 Z 10" CHANNEL, 18" LONA 5 × 4 × · 54 Double ANGLES NUMERALS TO UPPER DECK. SHEER STRAKE 1-36 × -58 116 · 8. V 3% DIAR ON TRANS NO [81 + (43.8 - 8)] 56 54 . 98 1.04 web or partial bulkheads INCLOS SIDE - LIGHT COMPENSATION where practicable 78.256. V LONG! Nº (16.8 x 670) 8-6 ALT FRAMES 22.5 V "d IN BOILER RM. STR PLATES 2 @ 58 x . 78 FOR 1/2L CLEAR OF LIP DECKY 14.5 d ELSEWHERE DECK | PLATING W 46 x .44 AFT OF 3/5 LEN V .52 ELSEWHERE IN WAY OF UP DECK :42 BETWY OPENINGS 60 UNDER U.P DECK. LEAR OF U.P. 68 FOR/2L " 1 50 FOR /2L " AFT OF 3/51 . 32 V LOWER PROM DECK 4 × 4 × · GZ UNDER UPD", 4 × 4 × · 44 AFT &F 3/5 LV V / 3/2 × 3/2 × .62 BEAMS SIMILAR TO UPPER PROM. DECK Y SHEERSTRAKE 64 × 1.06 FOR 1/2L CLEAR OF U.P. D. AS ABOVE. PROPORTIONS DOUBLED AT BREAKS __ IN WAY OF U.P DK 30" x 50 CLEAR " " 36 x 58 *84 IN WAY OF U.P. D. 9.5 / TO UPPER PROM. DK 8-6 3/2 DIA ON 10.7 V " LOWER " " ALT FRAMES 12.4 V " BRIDGE DK STRINGER PLATE CLEAR OF LP DK. 2 @ 60" x .96 FOR 1/2L TO 46" x .50 AT ENDS PLATING. .94 FOR 12L, CLEAR OF U.P. D" 2 @ 60" x . 60 IN WAY OF L. P. DECK . L .40 BETWY OPENINGS '44 ELSEWHERE IN WAY OF L.P. DECK .84 IN WAY OF U.P. D. 1 @ 60" x .52 " " U.P. " ... " " L.P -" ANGLE 8 . 8 . 92 TO 4 x 4 x 50 AT ENDS 1 .74 FOR 1/2 L TO . 40 ENOS CLEAR OF L.P. 60 TO AO " 4 × 4 × · 62 UNDER L.P. DK BRIDGE DECK 34 × 3/2 × 62 W BEAMS SIMILAR TO UPPER PROM. DECKY SHEERSTRAKE GT x 1.02 FOR 1/2 CLEAR OF LPDK V AS ABOVE To '58 AT ENDS (DOUBLED AT BREAKS) IN WAY OF L. PD" 30 x SO EQUIPMENT NUMBER 1 84 IN WAY OF LP. D" V CLEAR " " 36 . S8 HULL (670 × 1168) 78.256 V SUPERSTRUCTURE (670 x 18 x .75) 9.050 4 DIAR ON 344+226 = 285 × 17 × 75 --- 75) ALT FRAMES V 10-0 391 MHOUSES (92 × 85 × 150) 2135 × 85 × 50) 198 FOR 12L TO 56 CLEAR OF LPD" 194 × 11×3/4 (270 + 110 + 50) WIN '84 IN WAY OF LPD" STR PLATE 58 , 34 IN WAY OF UPD" DECK PLATING 1 (228 × 8 × 50) 912 V-52 IN WAY OF LPDK, . 62 CLEAR OF L .34 BETW OPENING . 34 ELSEWHERE . IN WAY OF U.P. DK 94.103 LPDE FOR TELEVIS 46 x .50 AT ENDS L ANGLE 4 A 4 X 62 TO SO AT ENDS L CLEAR 54, To :36 . L 45 45 47 34 " " SALOON DECK 7 31/2 × 31/2 × 62 To 50 W BEAMS SIMILAR TO UPPER PROM. DECK. AS ABOVE EQUIPMENT 30 × .50 3 BOWER ANCHORS COLL WT. 420 CHTS. STOCKLOS, V " @ 46 " EX STOCK 1 STREAM 44 DIAR ON 1 KEDGE " @ '25 " " ALT FRAMES . V 3%6 DIAR STUD CHAIN CABLE. 330 FMS. 7 STEEL WIRE STREAMLINE. 150 STR. P. ATE. 58 x 52 to 46 x 50 / 8 " TOWLING, 150. " PLATING DECK EAR OF L.P. DECK 6 @ 120 FMS 8 HAWSERS & WARPS. IN WAY OF L.P. DK .30 BETWH OPENING .30 ELSEWHERE! -34 IN WAY OF L P DK V · 44 To · 36 " ANGLE 4 x 4 x 50 FYA W CLEAR " " UPPER DECK 3/2 × 3/2 × 50 BEAMS SIMILAR TO UPPER PROM. DECK. AS ABOVE . 30 x 50 PLAN OF PILLARS & CIRDERS 8.0 4/2" DIAR ON RIVETING AS PER RULES ALT FRAMES TO BE SUBMITTED. 54.0 TRV LOWEST PT ASI ABOVE MIDDLE DECK (2) 30 ALL F. VA DECK PLATING BEAMS SIMILAR TO UPPER PROM. DECK 54-31/2 AMIDSHIPS. AS ABOVE . 36 "suhere no Beams to be considered lower deck 8-0" 434 DIA ON with plans of oil fuel bunkers in relation ALT. FRAMES to height to which WEBS IN ENG. RM on can rise. OIL FUEL CHANNEL FRAMES plan to be submitted BEAMS & PLATING OF ORLOP D" FWO 10 + 4 + 4 + 52 W - 58F SIMILAR TO LOWER DE BUNKER 30. F + A. LOWER DECK DECK PLATING AS ABOVE BEAMS UNDER 10'9" TWH DKS , 11 x 31/2 x 31/2 x .52 W - .58 F CHANNELS L BEAMS ELSEWHERE SIMILAR TO UPPER PROM DECK. - DOUBLE BOTTOM . -FRAMING CENTRE GIRDER , 57 x .78 To .60 / 82 ES . 86 8 SPACE U 1 25 IN FORG PEAK 25 IN AFT PEAK TOP ANGLES 4 + 4 + 58 TO 62 72 ES V . 82 B SA SIDE STRINGERS 27 FORW OF 3/SLV, 32 AMIDSHIPS V NATE 39 x 50 BIN " , 5 . 5 . 76 V TO . 66 AT ENDS VERT " , 4 , 4 x : 56 to 52 V : 60 ES . 70 BS DOBBLE FOR /2L V (FRIMES | 9 × 4 × 50 PLAIN ANGLE) FORMING L- FACE ANGLES 41/2 . 4/2 . 64 REV FRS 8 × 31/2 × 60 A BELOW LOWER DE 13 MIN GIRDER FLOORS AND INTERCOSTALS 52 TO 40 54 ES . 58 B 5 CHOCKS . 4 × 4 × 50 " 1 5 > 3/2 156 A ABOVE LOWER DE VERMING IN ENG. RM HOLDS FRAMES. 4 × 4 × 56 to 52 / DOUBLE FORMS OF 3/5 L V EXTENT "AS ON LONG ELEVATION INO MIN GIRDER REV. FRS 4 + 4 + 56 To 52 V . 60 ES . 70 85 . / DOUBLE UNDER ENG & BB V ENGINE FRAMES 9 × 4 × 50 ANGLE, WITH) FORMING INT VERT ANGLES 3% - 3% - 152 TO . 46 - 54 ES . 64 BS V REV FRS 5 . 3/2 . 56 " , ALSO) 10" MIN. GIRDER TOP + BT ANCES 4 . 4 . 56 TO 52 (TOP 60ES TO BS) 33 WERS & STRINGER AS ON LONG" ELEV" CONT SIDE GIRDER 62 TO 48 -66 ES 70 85 V BOILER (FRAMES ! 10 . 4 . 4 . 52W - 58F CHANNEL BELOW TOP + BIM ANGLES 4 + 4 + . 56 To . 48 (TOP . 60 ES . 70 BS) ~ No! HOLD ONLY. BKTS ON VERT : ANGLES 4 x 4 x . 56, To . 48 . 60 ES . 7085 , DOUBLE FOR 1/2 L / MIDDLE 10" WITH TWO - 39 . 50 STRINGERS V 8 . 4 . . 66 ANGLE ALT FRE T.R. PEAK FRAMES 10 . 3/2 . 54 BULB ANGLE . V4 4 -50 CHOCKS/ MARGIN PLATE . 46' x 72 VTO . 66 V . 76 8 SPACE V V SO PLATE. STEM 12 × 3/2 ROLLED STEEL . V BET ANGLES 4 × 4 × 56, TO 1.52. TO BS/ DOUBLE ALL FYA INSIDE Y QUITSIDE TANK V RUDDER STERNFRAME & BRACKETS TO BE SUBMITTED V TANK TOP CR STRAKE 54 × . 68 VTO . 58 V . 70 B. SPACE V Brackets may be some thickness as fl PLATING ELSEWHERE, '54VTO '44V .66 ER . 70 85 V 3.3 4 INCREASED '08 UNDER HATCHWAYS 1 DOUBLING LEVEL TANK TOP FRAMING IN BOILER RMS IN WAS OF OIL FUEL AB BILGE KEEL PLATE 18 - 65, COPE 3 . 14 FLAT PLATE KEEL ANGLES 6/2 + 4/2 + 60 BOTTOM SHELL PLATING . 90 FOR 1/2L TO . 60 AT ENDS 58 × 1.08 MIDSHIP THICKNESS OF THREE STRAKES NEXT KEEL MAINTAINED TO COLL BIO FOR 35L TO 80 AT ENDS ADDITIONAL INT'S FITTED FORMS AND UNDER TERBINES. L BAR KEEL STRENGTHENING OF BOTTOM FORMS TO BE SUBMITTED. 18/2 × 2/2" W86-0045 12

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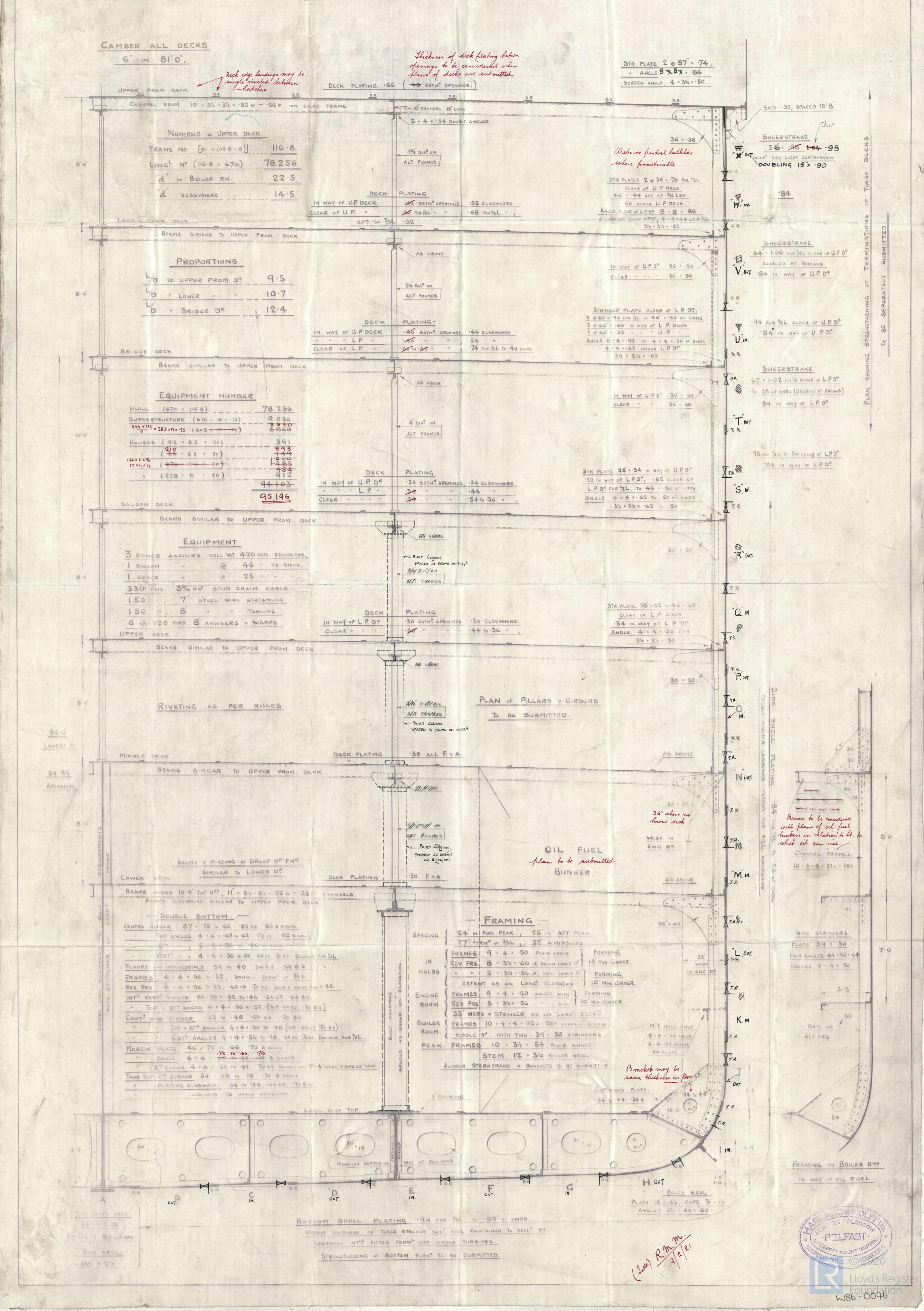
Lloyds Stamp. Nº 612

MIDSHIP SECTION.

SCALE 1/2 = | FOOT

DIMENSIONS :- 670-0" BP × 81-0" MED × 54'-0" KEEL TO BEAMS.

To CLASS. LLOYD'S 100.Al. (WITH FREEBOARD.)



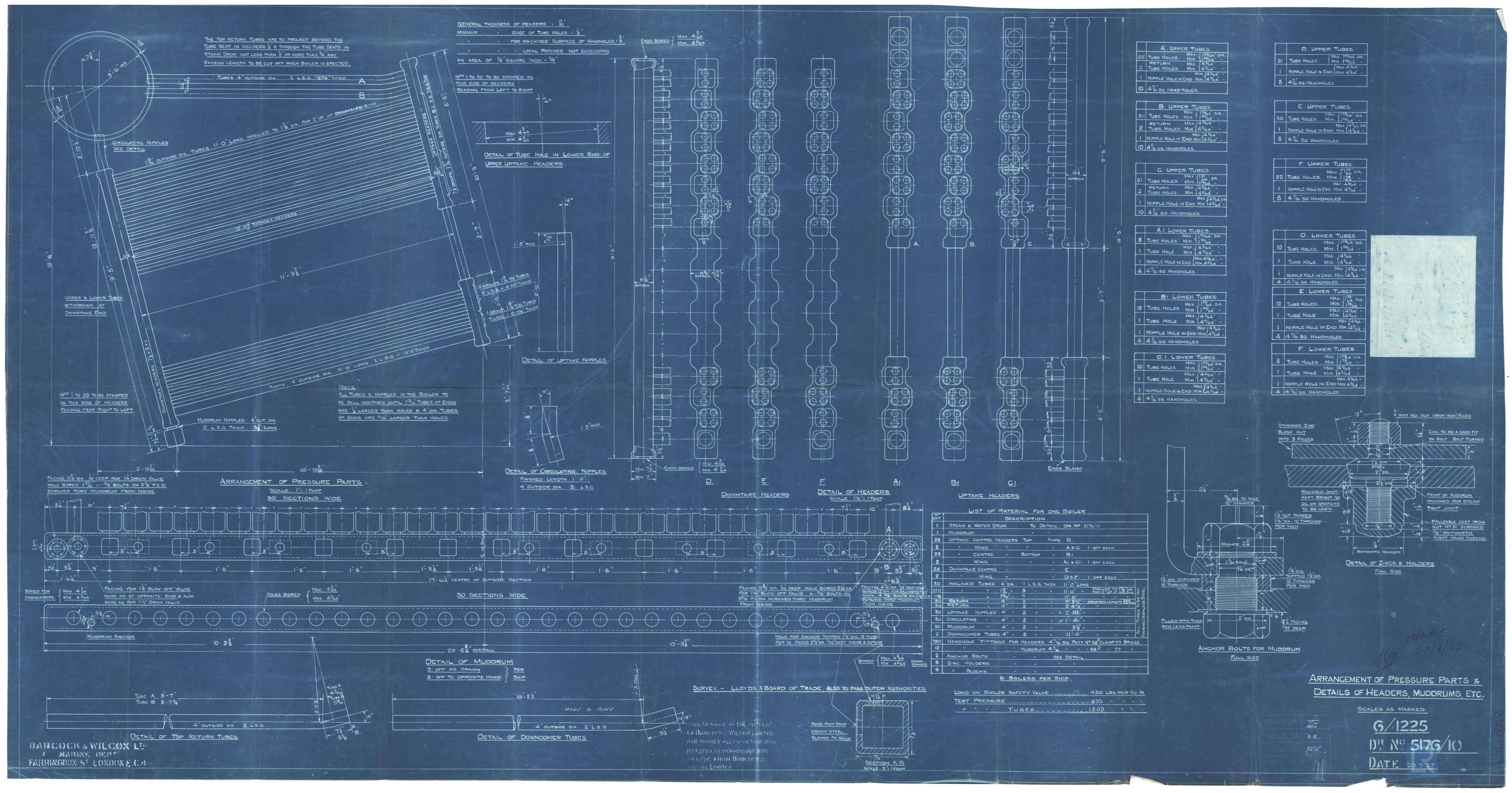
Babrock & Wilcox.
Both 6/1225.
Draw ho. 5146/10.
WP. H. Solls.

Halland Mo. 6/2

GEN. BOX NO 310

W86-0048

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COCHRAN & CO., ANNAN, LD.

Deiler No. 10782.

Drawing No. 16923

Boiler

GLASGOW REPORT No.47919

W86-0047



